

What is claimed is:

1 1. A dual hinged box wrench, comprising:

2 a first socket element having a plurality of teeth
3 disposed between a first distal end and a second distal
4 end; and

5 a second socket element having a plurality of teeth
6 disposed between a third distal end and a fourth distal
7 end, said first distal end of said first socket element
8 engaging with said third distal end of said second socket
9 element to form a first hinge, and said second distal end
10 of said first socket element engaging with said fourth
11 distal end of said second socket element to form a second
12 hinge, whereby a socket cavity is formed thereby.

1 2. The dual hinged box wrench in accordance with claim
2 1, wherein said first socket element comprises a portion of a
3 handle.

1 3. The dual hinged box wrench in accordance with claim
2 2, wherein said handle comprises a substantially square hole
3 for receiving a ratchet.

1 4. A dual hinged, expandable and contractable box
2 wrench, comprising:

3 a first socket element having a plurality of teeth
4 disposed between a first distal end and a second distal
5 end; and

6 a second socket element having a plurality of teeth
7 disposed between a third distal end and a fourth distal
8 end, said first distal end of said first socket element
9 engaging with said third distal end of said second socket
10 element to form a first hinge, and said second distal end
11 of said first socket element engaging with said fourth
12 distal end of said second socket element to form a second
13 hinge, whereby a socket cavity is formed thereby, and
14 further wherein said first distal end comprises an

15 elongated arm that is slidably movable past said third
16 distal end, whereby said socket cavity can be expanded
17 and contracted to fit different nut and bolt sizes.

1 5. The dual hinged box wrench in accordance with claim
2 4, wherein said first socket element comprises a portion of a
3 handle.

1 6. The dual hinged box wrench in accordance with claim
2 5, wherein said handle comprises a substantially square hole
3 for receiving a ratchet.